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TO: Bruce Guenther
FROM: P. N. Slater 
REGARDING: Filters and Related Action Items
DATE: April 10, 1992

Several have suggested the purchase of complete or partial sets of filters to be used on some of the AM platform optical sensors. The justification is:

- 1) For use in stable radiometers to be used preflight for the cross comparison of calibration sources.
- 2) For use in Hugh Kieffer's camera to calibrate the moon.
- 3) For use in field radiometers to calibrate/validate the sensors/derived data products during flight.
- 4) To cross check the various monochromators to be used to measure the spectral transmittances of the filters. (These will each provide different purity outputs of different beam geometries and different spectral profiles.)
- 5) To monitor filter stability over prolonged periods.
- 6) The quality of these space-qualified filters will be extremely high to meet the exacting performance requirements of the various specifications. This is an opportunity to purchase sets of these filters at a low price because of simultaneity of manufacture. There was agreement that the filters should be 25.4 mm in diameter.

Action Items.

- 1) Carol Bruegge to inform Bruce Guenther of cost of additional sets (6 to 12) of MISR filters.
- 2) Phil Slater to discuss with Akira Ono the possibility of the ASTER project supplying 6 to 12 sets of ASTER filters to US scientists.
- 3) Slater also to discuss with Jim Young the possibility and cost of 6 to 12 sub sets (each of perhaps 18) MODIS filters being manufactured simultaneously with the sets of flight filters.
- 4) Slater to report results of discussion to Guenther.
- 5) Guenther to evaluate reports and review possibility of Project funding the additional MISR and MODIS filter sets.

fc: C. Bruegge
A. Ono
J. Young